

Construction Inspection Matrix
Matrix Showing Requirements to Receive Permanent Status to the Following Grades

Name _____

Current Grade _____

Tr. Engineering Worker (S1)		Tr. Construction Tech I (S4)		Tr. Construction Tech II (S5)		Tr. Construction Tech III (S6)		Tr. Construction Tech IV (S7)		Tr. Engineer Specialist (S9)	
Class Requirement	Date Completed		Date Completed		Date Completed	Class Requirement	Date Completed	Class Requirement	Date Completed	Class Requirement	Date Completed
		ATTI Field Certification CRT3400 OR		ATTI Field Certification CRT3400		ATTI Field Certification CRT3400		ATTI Field Certification CRT3400		ATTI Field Certification CRT3400	
		ACI Field Certification CRT3410		ACI Field Certification CRT3410		ACI Field Certification CRT3410		ACI Field Certification CRT3410		ACI Field Certification CRT3410	
ATSSA Technician TCH1168		ATSSA Technician TCH1168		ATSSA Technician TCH1168		ATSSA Technician TCH1168		ATSSA Technician TCH1168		ATSSA Technician TCH1168	
								ATSSA Supervisor TCH1167		ATSSA Supervisor TCH1167	
Pay Item Daily Diary Documentation Every 4years TCH3001		Pay Item Daily Diary Documentation Every 4years TCH3001		Pay Item Daily Diary Documentation Every 4years TCH3001		Pay Item Daily Diary Documentation Every 4years TCH3001		Pay Item Daily Diary Documentation Every 4years TCH3001		Pay Item Daily Diary Documentation Every 4years TCH3001	
TCCC Daily Diary (NHI Online Course) Every 1year NHI134071		TCCC Daily Diary (NHI Online Course) Every 1year NHI134071		TCCC Daily Diary (NHI Online Course) Every 1year NHI134071		TCCC Daily Diary (NHI Online Course) Every 1year NHI134071		TCCC Daily Diary (NHI Online Course) Every 1year NHI134071		TCCC Daily Diary (NHI Online Course) Every 1year NHI134071	
Construction Math I TCH3351		Construction Math II TCH3352		Construction Math III TCH3353				Landscape TCH3333		Supplemental Agreements TCH3039	
Highway Plans Reading TCH3002		Materials Resources TCH3085W		Excavation/ Embankment (E) 102 TCH3301		Subgrade/Base (E) 104 TCH3303		Supplemental Agreements Tracking Systems (SATS) TCH3038		Asphalt Unit Price Adjustment TCH3014	
Pen Based Systems TCH3056		Materials Properties TCH3086W		Pipe Placement (E) 103 TCH3302		Major Structures Substructures (C) 204 TCH3309		Construction Progress Estimate (CPE) TCH3041		Irrigation II TCH3331	
		Integrating Requirements TCH3080		Concrete Incidentals (C) 202 TCH3307		Major Structures Superstructures (C) 205 TCH3310		Irrigation I TCH3330		Construction Management Program (CMP) TCH3040	
		Construction Office Quantities TCH3012		PCC Paving (C) 203 TCH3308		Seeding TCH3145		Coaching Techniques TCH3316			
		Force Account Documentation for Inspectors TCH3000		Prime/Flush/Tack (B) 302 TCH3312		A C Plant Inspection (B) 304 TCH3314		Cost Estimating TCH3011			
		Quantlists for Inspectors TCH3043W		Seal Coat (B) 303 TCH3313		A C Paving (B) 305 TCH3315		Applied Construction Statistics TCH3010			
		Introduction to Partnering Part I GEN5180W		Roadside Safety Devices TCH3116		Force Accounting TCH3042				Course Code ending in W = online course	
		Introduction to Partnering Part II GEN5181		Basic Survey Mathematics TCH3135W						(E) Earthwork (C) Concrete (B) Bituminous	
				Basic Surveying Concepts TCH3134W						Effective January 1, 2014	